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Product Name :

Simple Circuit Module LED Board Red

Product Code :

SLE/PHY/85



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Description :

Simple Circuit Module LED Board Red (Product Code: SLE/PHY/85) is a board-mounted red light-emitting diode used to show whether current is flowing in simple circuits built during school physics lessons. Its large LED is already wired to a 220 ohm series resistor, so pupils canconnect it across potential differences of up to 6 V without adding their own protective resistor. Itis supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, as part of its Simple Circuit Modules range.

Specifications

Parameter	Detail
Series	Simple Circuit Modules
Module type	LED board
LED	Large light-emitting diode, red
Series resistor	220 ohms, fitted
Working potential difference	Up to 6 V
Product code	SLE/PHY/85
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Red LED Board Used For?

The red LED board acts as a clear visual indicator in series and parallel circuit work: when it glows, pupils know current is passing through that branch. Because a diode conducts in one direction only, reversing the board in a circuit is also a simple way to introduce polarity before students meet the diode symbol on paper. It fits naturally into a school electricity experiment kit alongside switch, motor and sensor modules from the same series.

Keep the supply at or below 6 V, since the fitted resistor is matched to that range. Using the red board together with the green version lets a class build a two-colour indicator, for example to show which of two switches is closed. Store the modules dry and check each connection is firm before a practical begins.

What to Specify When Ordering

- LED colour: this listing is the red board; the green board is a separate item.
- Number of boards needed per student group or per laboratory.
- Other Simple Circuit Modules (push switch, motor, light-dependent resistor) to include in the same order.
- The supply you plan to use, keeping within the 6 V limit of the board.

Supplier

ScienceLab is the trading name of Jain Scientific Equipments Private Limited, which supplies this red L
comp
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regist

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